

## USB 7 in 1 External Card Reader/Writer (USB 2.0)

The **USB Card Reader/Writer** provides an ideal solution for those who want the convenience and mobility to read and write the most popular memory cards, including MMC (Multi Media Card), CF (Compact Flash card), IBM Micro Drive, SM (Smart Media card), SD (Secure Digital card), MS Pro (Memory Stick Pro) and MS (Memory Stick card). The **USB Card Reader/Writer** complies with USB 2.0. It can also be used as an effective hard drive to transmit large amount of data immediately between the memory cards and the host computer through USB2.0 interface. With the USB plug and play function, the installation is quite simple. No external power adapter is required, just plug and play.



### FEATURES

- USB2.0 specification compliant
- Supports CompactFlash/ Micro Drive/ Smart Media/ Multi Media/ Memory Stick/ Memory Stick Pro/ Secure Digital Cards
- Supports Plug & Play and Hot-Swap
- Portable-compact design and low power consumption
- Embedded USB cable inside Card Reader
- Support power saving mode
- No external power required
- Transfers files via USB, transfer rate up to 480Mbps
- Supports Windows 98, Windows ME, Windows 2000, Windows XP, Linux kernel 2.4.0 or later, and Mac OS 8.6 or later
- No driver installation required in Windows ME, XP, Mac OS 10.1.2 or later, and Linux Kernel 2.4.0 or later
- Noiseless
- Mass Storage Class compatible



## SPECIFICATIONS

- Card Supported : Compact Flash Card: 8MB and over  
Smart Media Card: 8MB ~ 128MB  
Multi Media Card: 8MB ~ 128MB  
Memory Stick: 8MB ~ 256MB  
Memory Stick Pro: 256MB ~ 1024MB  
Secure Digital Card: 16MB ~ 512MB  
Micro Drive: 340MB and over
- USB Port : Max Speed @ 480Mbit/s USB Bulk Transfer
- Transfer Rate (USB1.1) : Compact Flash Card: Read 1MB/s; Write 890KB/s  
Smart Media Card: Read 973KB/s; Write 488KB/s  
Multi Media Card: Read 176KB/s; Write 219KB/sw  
Secure Digital Card: Read 194KB/s; Write 246KB/s  
Memory Stick: Read 632KB/s; Write 471KB/s  
Memory Stick Pro: Read 643KB/s; Write 432KB/s
- Transfer Rate (USB2.0) : Compact Flash Card: Read 5.4MB/s; Write 3.0MB/s  
Smart Media Card: Read 5.0MB/s; Write 742KB/s  
Multi Media Card: Read 1.5MB/s; Write 471KB/s  
Secure Digital Card: Read 7.1MB/s; Write 2.6MB/s  
Memory Stick: Read 858KB/s; Write 659KB/s  
Memory Stick Pro: Read 879KB/s; Write 627KB/s
- Sockets : SD socket x 1 for SD/MMC Card, complies with SD spec 1.0  
MS socket x 1 for MS Card, complies with MS spec 1.3  
MS Pro socket x 1 for MS Pro Card, complies with MS Pro spec 1.3  
SM socket x 1 for SM Card, complies with SM spec 1.1  
CF socket x 1 for CF Card/IBM Micro Drive Card, complies with CF spec 1.4

### Power Consumption (USB 2.0)

No Cards	172 mA	
CF Card	184 mA (Normal)	218 mA (Maximum)
Micro Drive	220 mA (Normal)	475 mA (Maximum)
MS Card	184 mA (Normal)	217 mA (Maximum)
MS Pro Card	193 mA (Normal)	195 mA (Maximum)
SM Card	178 mA (Normal)	210 mA (Maximum)
SD Card	187 mA (Normal)	202 mA (Maximum)
MMC Card	181 mA (Normal)	222 mA (Maximum)

- Environment Conditions: 0°C to 65°C
- Operating /Storage Temperature: -20°C to 80°C
- Humidity: 90%RH (Max without Condensation)